

### **ABSTRACT OF THE DISCLOSURE**

Disclosed is a positive electrode for a lithium-sulfur battery including a positive active material selected from elemental sulfur ( $S_8$ ), a sulfur-based compound and mixtures thereof; a conductive material; a binder; and an inorganic additive with a particle size D (v, 50%) of 5,000nm or less and having insolubility to an electrolyte.

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